

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number  
WO 2005/049095 A2

(51) International Patent Classification<sup>7</sup>: A61K 51/04 // 123:00, 103:00 (74) Agents: THORESEN, Liv-Heidi et al.; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).

(21) International Application Number:

PCT/NO2004/000358

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:

23 November 2004 (23.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20035228 24 November 2003 (24.11.2003) NO  
0416062.8 19 July 2004 (19.07.2004) GB

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): AMERSHAM HEALTH AS [NO/NO]; Intellectual Property Dept., P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CUTHERBERTSON, Alan [GB/NO]; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO). SOLBAKKEN, Magne [NO/NO]; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO). LØVHAUG, Dagfinn [NO/NO]; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/049095 A2

(54) Title: CONTRAST AGENT

(57) Abstract: A contrast agent of formula I: V - L - R (I) where V is an organic group having binding affinity for an angiotensin II receptor site, L is a linear or branched amino acid-comprising biomodifier or linker moiety, and R is a reporter moiety detectable in *in vivo* imaging of a human or animal body.